

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DKT. NO. 1021.41260X00	SERIAL NO. not assigned
	APPLICANT KIKUGAWA, et al.	
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U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
	AA					
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FOREIGN PATENT DOCUMENTS

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						Yes	No
	AM						
	AN						
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AU	“High SN ratio and signal-stability in triple layer perpendicular media”, NISHIHARA, Journal of the Magnetics Society of Japan, vol. 21, No.S1, pp.104-108(1997)
	AV	“Observation of Underlayer Domain Noise in Perpendicular Recording Disks” DARRAGH, IEEE Transactions on Magnetics, vol. 29, No. 6, pp3742-3744(1993)
	AW	Magrow Hill, Communication Modes, pp 125-126 (in japanese)
Examiner		Date Considered